CLAIMS

What is claimed is:

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- 1. A method for removing red-eye effect in a digital image, comprising:
- detecting automatically at least one candidate red-eye region within the digital image;
- presenting the at least one candidate red-eye region to a user; and producing a modified digital image by performing red-eye removal in each candidate red-eye region that the user accepts, each candidate red-eye region that the user rejects remaining unmodified.
 - 2. The method of claim 1, further comprising:
- 2 saving the modified digital image.
- 3. The method of claim 1, wherein a plurality of candidate red-eye regions aredetected within the digital image.
- 4. The method of claim 3, wherein the plurality of candidate red-eye regions arepresented to the user one at a time.
 - 5. The method of claim 3, wherein the plurality of candidate red-eye regions are presented to the user simultaneously.
 - 6. The method of claim 5, wherein a first pair of opposing directional controls is used to select a particular candidate red-eye region and a second pair of opposing

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- directional controls is used to perform one of acceptance and rejection of the particular candidate red-eye region.
- 7. The method of claim 6, wherein the first pair of opposing directional controls
 2 comprises horizontal directional controls and the second pair of opposing directional controls comprises vertical directional controls.
 - 8. The method of claim 1, wherein an indication is provided that a selected candidate red-eye region is the Mth candidate red-eye region of N total candidate red-eye regions in the plurality.
- 9. The method of claim 1, wherein presenting the at least one candidate red-eye
 region to a user comprises marking the at least one candidate red-eye region.
- 10. The method of claim 9, wherein marking the at least one candidate red-eye region
 comprises enclosing the at least one candidate red-eye region within a geometrical figure.
- 11. The method of claim 9, wherein at least one icon accompanying a selected
 candidate red-eye region indicates how the user is to accept the selected candidate
 red-eye region.
- 12. The method of claim 9, wherein at least one icon accompanying a selected
 candidate red-eye region indicates how the user is to reject the selected candidate
 red-eye region.

- 13. The method of claim 1, wherein an indication is provided of whether the at leastone candidate red-eye region has been accepted by the user.
- 14. The method of claim 1, wherein presenting the at least one candidate red-eye
 region to a user includes zooming in to show an enlarged view of a selected candidate red-eye region.
- 15. The method of claim 14, wherein the enlarged selected candidate red-eye region isautomatically centered on a display.
- 16. The method of claim 1, wherein all candidate red-eye regions are acceptedsimultaneously.
 - 17. An apparatus, comprising:

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- a memory to store a digital image;
 - red-eye detection logic to detect automatically at least one candidate red-eye region in the digital image;
- a display on which to present the at least one candidate red-eye region to a user;
 - a user interface by which the user indicates whether to accept the at least one candidate red-eye region; and
- red-eye removal logic to produce a modified digital image by

 performing red-eye removal in each candidate red-eye region that the user

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accepts, each candidate red-eye region that the user rejects remaining unmodified.

- 18. The apparatus of claim 17, further comprising:
- an imaging module to convert an optical image to the digital image;
- 19. The apparatus of claim 17, wherein the user interface comprises a first pair of
 opposing directional controls to select a particular candidate red-eye region and a second pair of opposing directional controls to perform one of acceptance and
 rejection of the particular candidate red-eye region.
- 20. The apparatus of claim 19, wherein the first pair of opposing directional controls
 comprises horizontal directional controls and the second pair of opposing directional controls comprises vertical directional controls.
 - 21. The apparatus of claim 17, wherein the user interface is configured to zoom in to show an enlarged view of a selected candidate red-eye region.
- 22. The apparatus of claim 21, wherein the user interface is further configured to
 center the enlarged selected candidate red-eye region on the display.
- 23. The apparatus of claim 17, wherein the apparatus is one of a digital camera, a
 digital camcorder, a personal computer, a workstation, a notebook computer, a
 laptop computer, and a personal digital assistant.

24. An apparatus, comprising:

- 2 means for storing a digital image;
 - means for automatically detecting at least one candidate red-eye region
- 4 in the digital image;
 - means for presenting the at least one candidate red-eye region to a
- 6 user;
- means for the user to indicate whether to accept the at least one
- 8 candidate red-eye region; and
- removal in each candidate red-eye region that the user accepts, each candidate red-eye region that the user rejects remaining unmodified.
 - 25. The apparatus of claim 24, further comprising:
- 2 means for converting an optical image to the digital image;